

4. (Amended) The micromachining surface treatment material of Claim 3, said surfactant is one of, or two or more of, a fatty amine ($C_nH_{2n+1}NH_2$; $n=7$ [-] to 14), a fatty carboxylic acid ($C_nH_{2n+1}COOH$; $n = 5$ [-] to 11), or a fatty alcohol ($C_nH_{2n+1}OK$; $n = 6$ [-] to 12).

5. (Amended) A surface treatment method that removes a natural oxidation layer inside contact holes using the micromachining surface treatment material of [any one of Claims 1 to 3] Claim 1.

6. (Amended) The surface treatment method of Claim 5, wherein [the diameter of the contact holes is less than or equal surface treatment method of Claim 5 or Claim 6, wherein] the contact holes open to an oxidation film.

7. (Amended) The surface treatment method of [any one of] Claim 5 [to Claim 7], wherein the oxidation film is a CVD type oxidation film.

8. (Amended) The surface treatment method of [any one of] Claim 5 [to Claim 7], wherein the oxidation film is a TEOS type oxidation film.

9. (New) The micromachining surface treatment material of Claim 2, containing a surfactant at 0.0001 to 1% by weight.

10. (New) A surface treatment method that removes a natural oxidation layer inside contact holes using the micromachining surface treatment material of Claim 2.

11. (New) A surface treatment method that removes a natural oxidation layer inside contact holes using the micromachining surface treatment material of Claim 3.

12. (New) The surface treatment method of Claim 10, wherein the contact holes open to an oxidation film.

13. (New) The surface treatment method of Claim 11, wherein the contact holes open to an oxidation film.

14. (New) The surface treatment method of Claim 10, wherein the oxidation film is a CVD type oxidation film.

15. (New) The surface treatment method of Claim 11, wherein the oxidation film is a CVD type oxidation film.

16. (New) The surface treatment method of Claim 12, wherein the oxidation film is a CVD type oxidation film.

17. (New) The surface treatment method of Claim 13, wherein the oxidation film is a CVD type oxidation film.

18. (New) The surface treatment method of Claim 10, wherein the oxidation film is a TEOS type oxidation film.

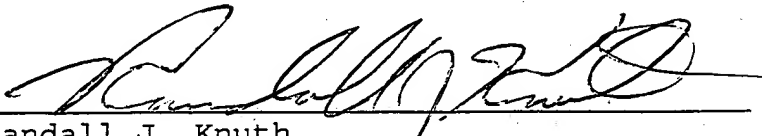
19. (New) The surface treatment method of Claim 13, wherein the oxidation film is a TEOS type oxidation film.

IN THE ABSTRACT

Please replace the abstract on file with the attached
ABSTRACT OF THE DISCLOSURE.

If the Examiner has any questions or comments that would speed prosecution of this case, he is invited to call the undersigned at 219/485-6001.

Respectfully submitted,


Randall J. Knuth
Registration No. 34,644

RJK/jrc

Encs: SUBSTITUTE SPECIFICATION
ABSTRACT OF THE DISCLOSURE

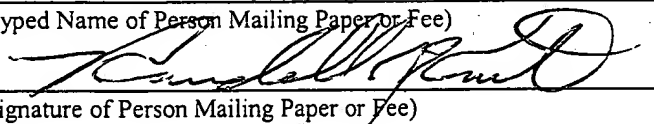
RANDALL J. KNUTH, P.C.
3510-A Stelhorn Road
Fort Wayne, IN 46815-4631
Telephone: 219/485-6001
Facsimile: 219/486-2794

"EXPRESS MAIL" Mailing Number EL161763313US

Date of Deposit August 16, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231

Randall J. Knuth, Registration No. 34,644
(Typed Name of Person Mailing Paper or Fee)


(Signature of Person Mailing Paper or Fee)